

ARKANSAS GEMS

South Central Service
Cooperative
October– December 2014

Highlights

“Rockets to the Rescue”

On October 8, 2014, Lockheed Martin Missiles and Fire Control and the Arkansas State 4-H sponsored Camden Fairview School District’s fifth and sixth grade GT students to participate in **“Rockets to the Rescue!”**, the world’s largest youth-led science experiment. In an effort to promote STEM education, the event was one of many held across the country to celebrate 4-H National Youth Science Day.

Camden Fairview High School’s “Project Lead the Way” engineering students served as mentors to fifth and sixth grade GT student teams as they built and launched their own rockets. The “Rockets to the Rescue!” mission required students to design and build an aerodynamic food transportation device that could deliver a payload of nutritious food to disaster victims on a hula-hoop island. The experiment combines two main 4-H issues: science and food security. The experiment also incorporates engineering concepts to design a rocket out of everyday materials, including recyclable two-liter bottles, cotton balls, pipe cleaners, rubber bands and a protractor.

Prior to the actual competition, students were served breakfast by Lockheed Martin employees and were lead in a target game of launching foam missiles from a miniature HMRS vehicle by Colin Sterling, Site Director, Lockheed Martin Missiles and Fire Control.

Calendar

October 7: AP Coordinator’s Update
CIV Workshop
SCSC Computer Lab
9:00-4:00

Conferences and Conventions

NAGC Conference
November 13-16, 2014
Baltimore, MD

General Reminder(s)

Don’t forget about completing and submitting your school district’s GT Program Approval applications.

